

REMARKS

Appreciation is expressed to the Examiner for entry of the drawings filed on March 24, 2004. Appreciation is also expressed for the telephone interview on December 8, 2006, during which the present amendments to the claims were discussed, without reaching a formal agreement until this amendment is considered by the Examiner. Claim 7 has been amended to correct a typographical error.

Claims 1-9 have been rejected under 35 U.S.C § 102(b) as being anticipated by Bohlinger (WO 99/61931). The Examiner has stated that the reference discloses "plural permalloy resistors (which read on the claimed runners) on a silicon substrate, with some of the resistors running perpendicular to other of the runners and such an arrangement will provide a sensor anisotropy for at least some of the runners of about 90 degrees." Reconsideration of the rejection and allowance of the claims are respectfully urged for the following reasons.

Bohlinger et al. does not disclose the elements of the present invention. Specifically, Bohlinger et al. uses two different bridges on the same device, where the entire bridge is magnetized with both 0 degrees and 90 degrees. The independent claims herein have been amended to recite that the permalloy resistor pattern "consists essentially of" individual runners on said surface such that the mechanical length of each "and every one" of the runners is perpendicular to the magnetic wafer level anisotropy to cause said sensor to have an anisotropy of about 90°. Bohlinger et al. is admitted to have individual runners that are not perpendicular but are parallel, and thus the limitations added herein cannot be found within the four corners of this reference.

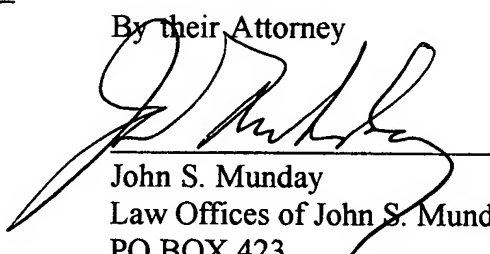
If the Examiner considers this application ready for conclusion, other than by allowance, he is respectfully requested to call applicants' attorney at the number listed below.

DATE: December 8, 2006

Respectfully submitted,  
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By their Attorney

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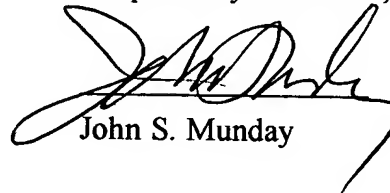
  
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CERTIFICATE OF MAILING

I hereby certify that the attached correspondence is being deposited with the United States Postal Service and First Class Mail in an envelope addressed to: Mail Stop amendment after final, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on the date appearing below.

DATE: December 9, 2011

Respectfully submitted,

  
John S. Munday